

INTERNATIONAL SEARCH REPORT

International Application No
PCT/PT2004/000015

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/82 C07K14/415 C12N9/90 A01H5/00 A01H5/08
A01H5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data-base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/57224 A (HAUSE BETTINA ; STENZEL IRENE (DE); ZIEGLER JOERG (DE); INST -PFLANZENB) -9 August-2001-(2001-08-09)</p> <p>abstract</p> <p>page 9, line 23 - page 10, line 3</p> <p>page 11, line 1 - line 6</p> <p>page 12, line 8 - line 25</p> <p>claims 1-26</p> <p>sequences 1,2</p> <p style="text-align: center;">----- -/--</p>	<p>1-4, 14-27</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

08.03.05

Name and mailing address of the ISA

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ZIEGLER JOERG ET AL: "Molecular cloning of allene oxide cyclase: The enzyme establishing the stereochemistry of octadecanoids and jasmonates"</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 275, no. 25, 23-June-2000 (2000-06-23), pages 19132-19138, XP002182669 ISSN: 0021-9258 abstract figure 2 page 19134, paragraph 1 - paragraph 3</p>	1-4, 14-20
X	<p>PERNAS MONICA ET AL: "A chestnut seed cystatin differentially effective against cysteine proteinases from closely related pests"</p> <p>PLANT MOLECULAR BIOLOGY, vol. 38, no. 6, December 1998 (1998-12), pages 1235-1242, XP002316939 ISSN: 0167-4412 abstract page 1235, left-hand column, line 1 - line 8 page 1235, right-hand column, line 3 - line 14 page 1236, left-hand column, line 5 - line 10 Materials and methods page 1236 figure 2</p>	1,5-7, 14-27
X	<p>PERNAS M ET AL: "Biotic and abiotic stress can induce cystatin expression in chestnut"</p> <p>FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 467, no. 2-3, 11 February 2000 (2000-02-11), pages 206-210, XP004260953 ISSN: 0014-5793 the whole document</p>	1,5-7, 14-27
A	<p>ARAI SOICHI ET AL: "Plant seed cystatins and their target enzymes of endogenous and exogenous origin"</p> <p>JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 50, no. 22, 23 October 2002 (2002-10-23), pages 6612-6617, XP002316940 ISSN: 0021-8561 the whole document</p>	1,5-7, 14-27

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C:(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/01804 A (UNILEVER N.V; UNILEVER PLC) 13 January 2000 (2000-01-13) abstract page 1, line 25 - line 27 sequence 13	1,8-10, 14-27
X	CHYE M-L ET AL: "BETA-1,3-GLUCANASE IS HIGHLY-EXPRESSED IN LATICIFERS OF HEVEA BRASILIENSIS" PLANT MOLECULAR BIOLOGY, NIJHOFF PUBLISHERS, DORDRECHT, NL, vol. 29, no. 2, 1995, pages 397-402, XP009011522 ISSN: 0167-4412 abstract page 397, left-hand column, line 5 - line 12 page 398, left-hand column, line 7 - right-hand column, line 20	1,8-10, 14-27
A	BEFFA R ET AL: "Pathogenesis-related functions of plant beta-1,3-glucanases investigated by antisense transformation — a review" GENE: AN INTERNATIONAL JOURNAL ON GENES AND GENOMES, ELSEVIER SCIENCE PUBLISHERS, BARKING, GB, vol. 179, no. 1, 7 November 1996 (1996-11-07), pages 97-103, XP004071970 ISSN: 0378-1119 the whole document	1,8-10, 14-27
X	GARCIA-CASADO GLORIA ET AL: "Characterization of an apoplastic basic thaumatin-like protein from recalcitrant chestnut seeds" PHYSIOLOGIA PLANTARUM, vol. 110, no. 2, October 2000 (2000-10), pages 172-180, XP002304729 ISSN: 0031-9317 the whole document abstract page 172, right-hand column, line 7 - line 10 page 172, right-hand column, line 16 - page 173, left-hand column, line 5 Materials and methods page 173 page 176, left-hand column, line 4 - right-hand column, line 2 page 178, left-hand column, line 22 - line 26	1,11-27
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C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	STINTZI A ET AL: "PLANT 'PATHOGENESIS-RELATED' PROTEINS AND THEIR ROLE IN DEFENSE AGAINST PATHOGENS" BIOCHIMIE, MASSON, PARIS, FR, vol. 75, no. 8, 1993, pages 687-706, XP009006230 ISSN: 0300-9084 abstract the whole document	1, 11-27
A	SCHAFLEITNER R ET AL: "Effect of virulent and hypovirulent Cryphonectria parasitica (Murr.) Barr on the intercellular pathogen related proteins and on total protein pattern of chestnut (Castanea sativa Mill.)" PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY, vol. 51, no. 5, November 1997 (1997-11), pages 323-332, XP002304728 ISSN: 0885-5765 the whole document	1-4, 14-27

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